

Title (en)

A door-stop device for vehicles

Title (de)

Türstopper für Fahrzeuge

Title (fr)

Dispositif d'arrêt de porte pour véhicules

Publication

EP 2354395 A1 20110810 (EN)

Application

EP 10425023 A 20100203

Priority

EP 10425023 A 20100203

Abstract (en)

A door-stop device for vehicles, comprising: - a tie-rod (14) having two opposite sliding surfaces (24), which are equipped with at least one retention seat (26, 28); - a supporting frame (12) having a through opening (40), through which the tie-rod (14) extends; and - two opposed retention elements (42) carried by the supporting frame (12) and pressed by an elastic force against said sliding surfaces (24) and designed to engage said at least one retention seat (26) for withholding the tie-rod (14) with respect to the supporting frame (12) in at least one position of stable retention, wherein said retention elements (42) are made, integrally with the supporting frame (12), of a single material and are connected to the supporting frame (12) by means of connection portions (44, 52) elastically deformable and integral with the retention elements (42) and with the supporting frame (12).

IPC 8 full level

E05C 17/20 (2006.01)

CPC (source: EP)

E05B 77/42 (2013.01); **E05C 17/203** (2013.01); **E05B 17/0041** (2013.01); **E05B 17/007** (2013.01)

Citation (applicant)

- EP 0525268 A1 19930203 - SOFEDIT [FR]
- EP 2011940 A1 20090107 - GAMMASTAMP SPA [IT]
- GB 2411206 A 20050824 - BLOXWICH ENG [GB]

Citation (search report)

- [XA] GB 2411206 A 20050824 - BLOXWICH ENG [GB]
- [X] JP 2001105863 A 20010417 - RIKEN SEIKO KK
- [XA] WO 2009124373 A1 20091015 - MULTIMATIC INC [CA], et al
- [X] DE 2449770 A1 19760429 - HAPPICH GMBH GEBR
- [A] GB 793535 A 19580416 - STANDARD PRESSED STEEL CO

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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